

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018619.D
 Acq On : 17 Jun 2024 20:10
 Operator : SY/MD
 Sample : P2915-01
 Misc : 6.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-NORTH-1

Quant Time: Jun 18 01:28:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.776	168	9514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	16982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	17154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5668	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	7059	73.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.400%
35) Dibromofluoromethane	7.703	113	6148	59.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.700%
50) Toluene-d8	10.172	98	21419	53.765	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.520%
62) 4-Bromofluorobenzene	12.477	95	5970	47.457	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.920%

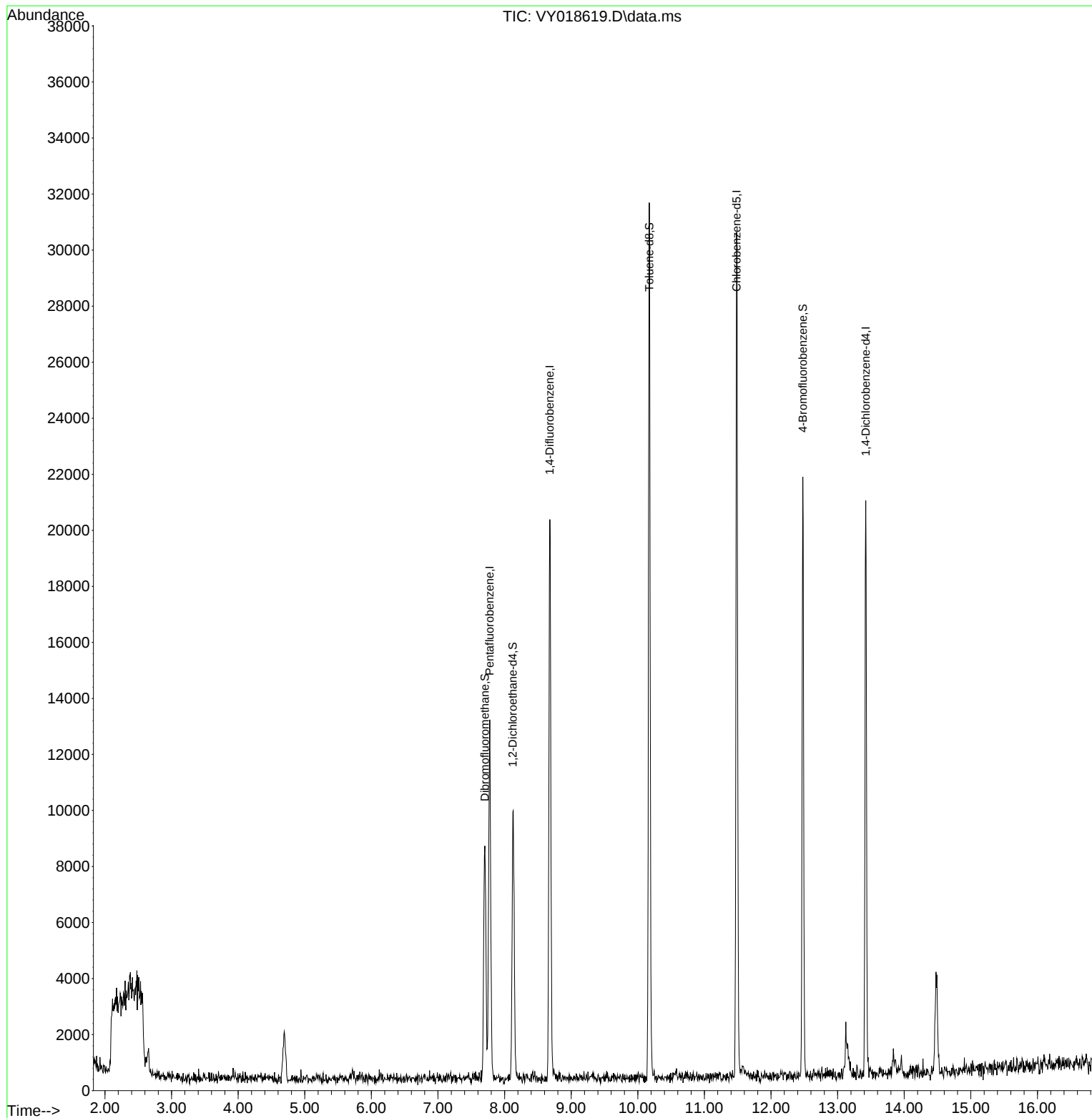
Target Compounds	Qvalue

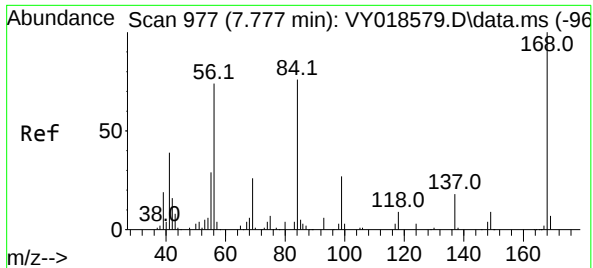
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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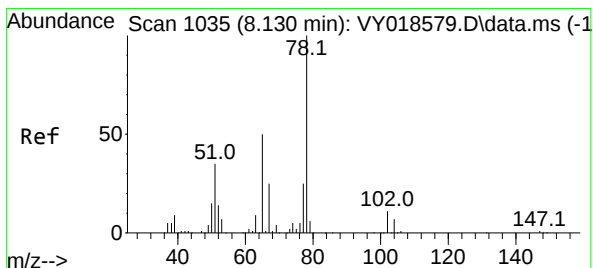
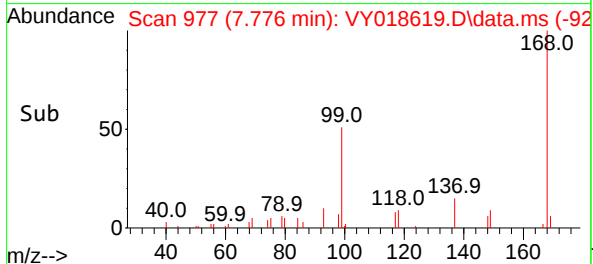
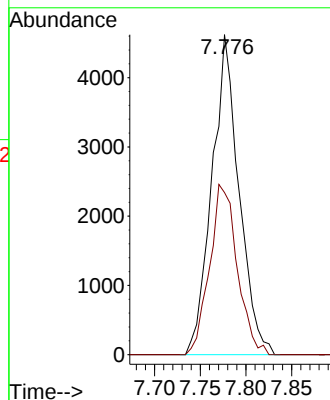
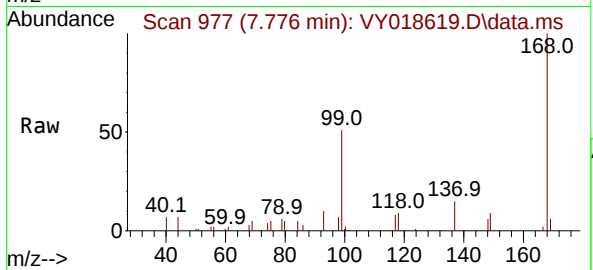




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018619.D
Acq: 17 Jun 2024 20:10

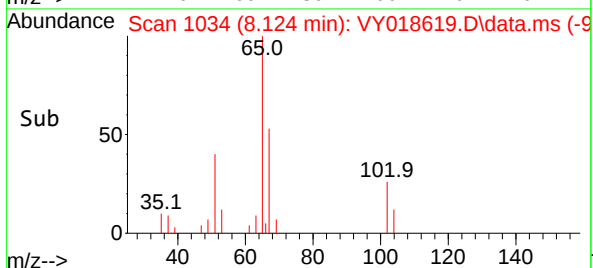
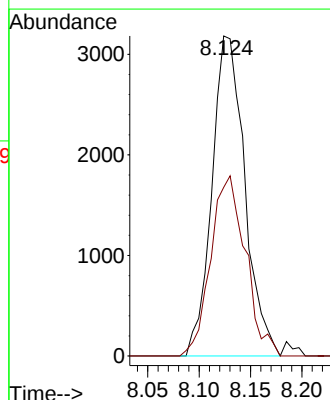
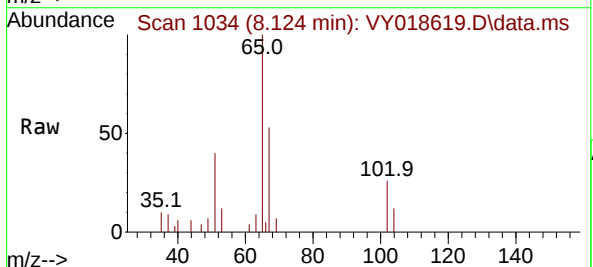
Instrument :
MSVOA_Y
ClientSampleId :
WC-NORTH-1

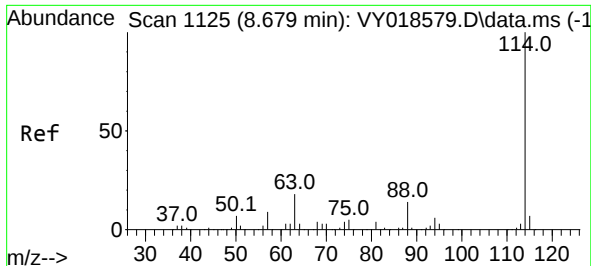
Tgt Ion:168 Resp: 9514
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 73.695 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018619.D
Acq: 17 Jun 2024 20:10

Tgt Ion: 65 Resp: 7059
Ion Ratio Lower Upper
65 100
67 59.6 0.0 109.6

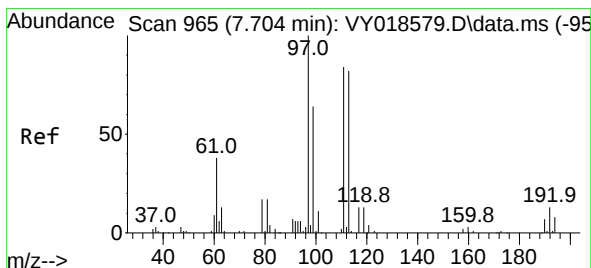
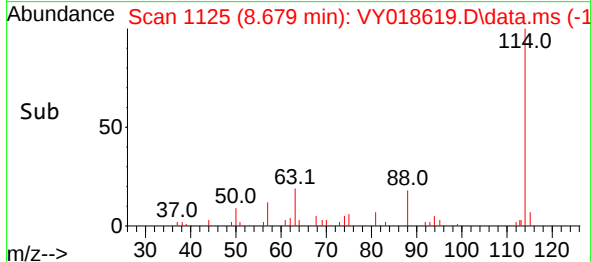
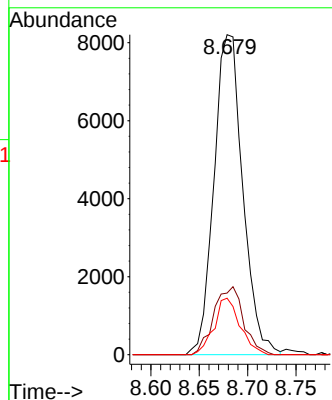
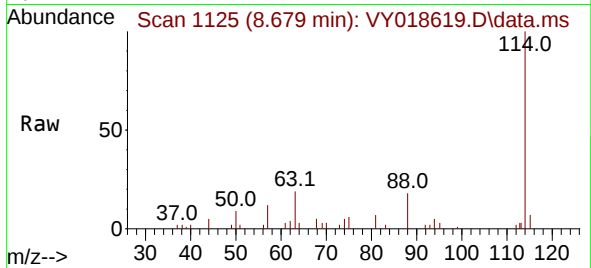




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018619.D
Acq: 17 Jun 2024 20:10

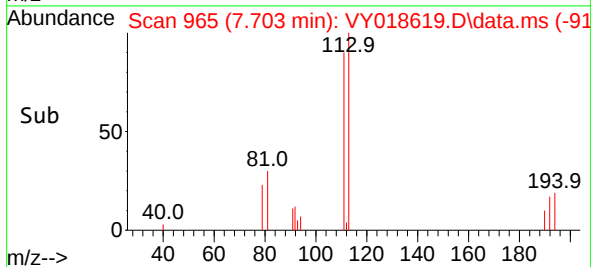
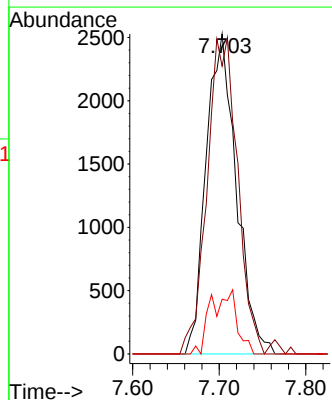
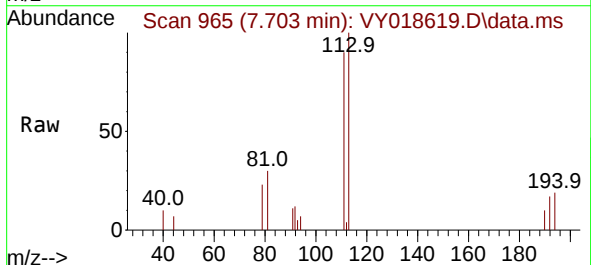
Instrument :
MSVOA_Y
ClientSampleId :
WC-NORTH-1

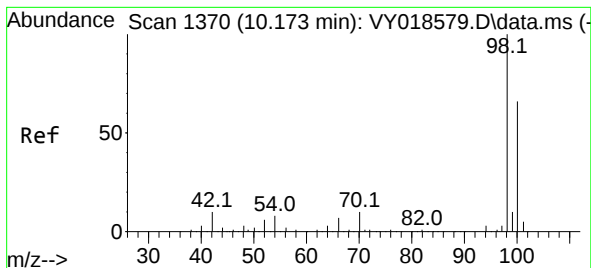
Tgt Ion:	114	Resp:	16982
Ion Ratio	Lower	Upper	
114	100		
63	19.3	0.0	35.0
88	17.7	0.0	27.2



#35
Dibromofluoromethane
Concen: 59.347 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018619.D
Acq: 17 Jun 2024 20:10

Tgt Ion:	113	Resp:	6148
Ion Ratio	Lower	Upper	
113	100		
111	99.1	82.2	123.4
192	10.3	15.9	23.9





#50

Toluene-d8

Concen: 53.765 ug/l

RT: 10.172 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018619.D

Acq: 17 Jun 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

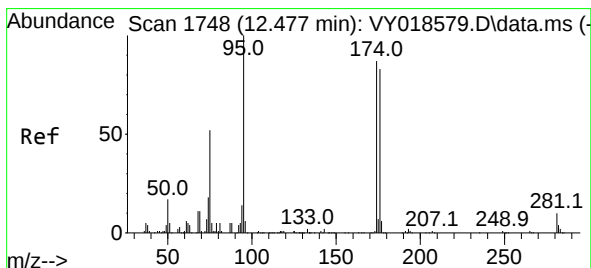
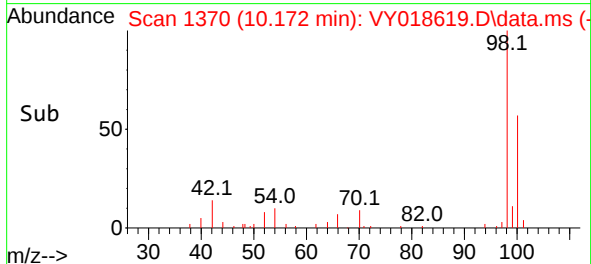
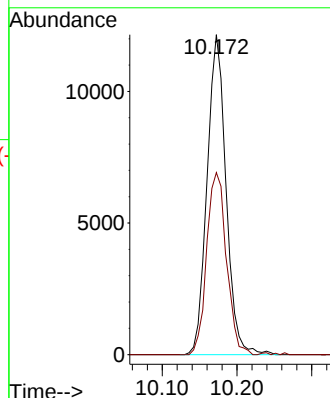
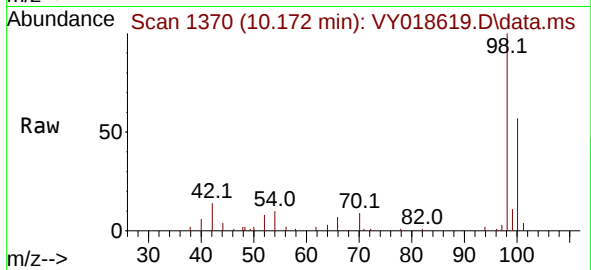
WC-NORTH-1

Tgt Ion: 98 Resp: 21419

Ion Ratio Lower Upper

98 100

100 59.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.457 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018619.D

Acq: 17 Jun 2024 20:10

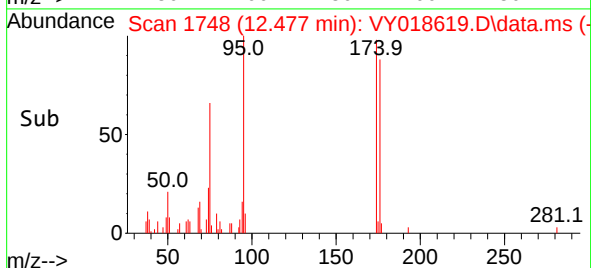
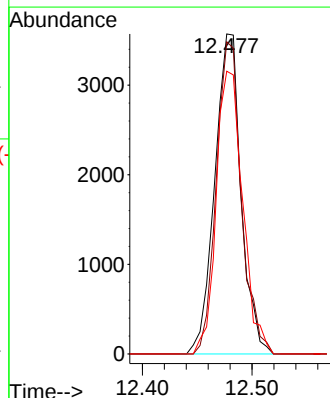
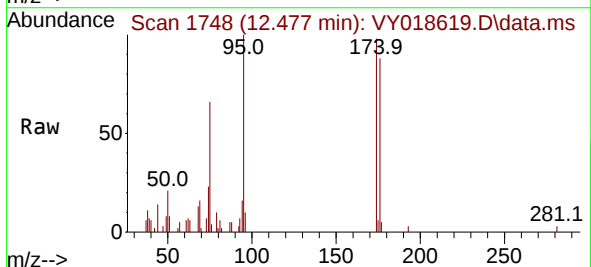
Tgt Ion: 95 Resp: 5970

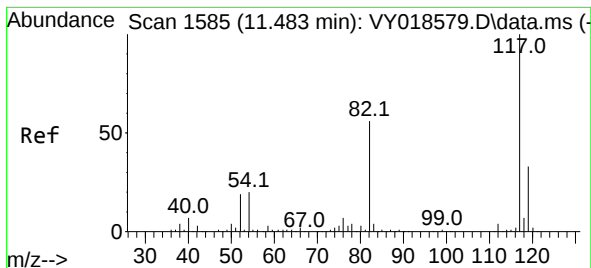
Ion Ratio Lower Upper

95 100

174 92.6 0.0 175.6

176 89.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018619.D

Acq: 17 Jun 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

WC-NORTH-1

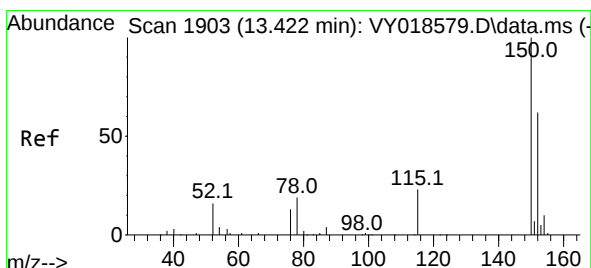
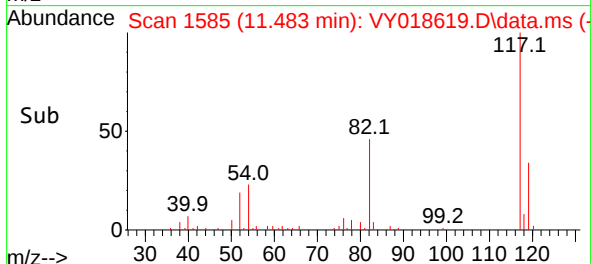
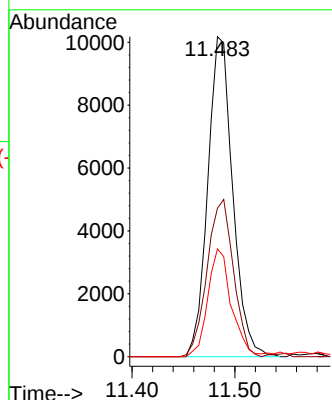
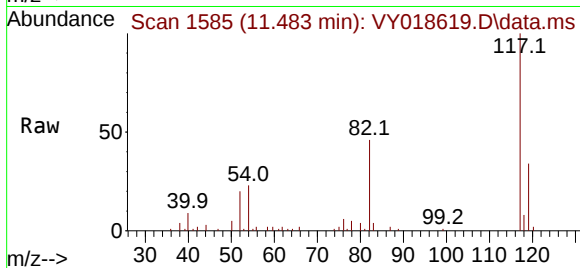
Tgt Ion:117 Resp: 17154

Ion Ratio Lower Upper

117 100

82 46.4 42.4 63.6

119 33.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018619.D

Acq: 17 Jun 2024 20:10

Tgt Ion:152 Resp: 5668

Ion Ratio Lower Upper

152 100

115 59.3 28.2 84.7

150 147.1 0.0 345.6

